< team Name >

< Scenario Name >

Software Requirements Specification

Version < X.0>

Team Guide:(Faculty Guide's Name)

Members:(Team members name)

College Name:

Department:

State:

Revision History

Date	Version	Description	Author
<date>	1.0	Synopsis	<team name>
<date>	2.0	Synopsis	<team name>

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Software Requirements Specification

1.0 Introduction:

1.1 Purpose:

< To describe the purpose of the project >

1.2 Scope: The Scope of the < Project > includes:

< Enter the scope of the project >

1.3 Definitions, Acronyms, and Abbreviations:

- HTML (Hyper Text Markup Language): It is used to create static web pages.
- JSP (Java Server Pages): It is used to create dynamic web content.
- J2EE (Java 2 Enterprise Edition): It is a programming platform, belonging to the Java platform, which is used for developing and running distributed java applications.
- WASCE (WebSphere Application Server Community Edition): It is an application server that runs and supports the J2EE and the web service applications.
- WSAD (WebSphere Studio Application Developer): It is a designer toolkit which is designed to develop more complex projects by providing a complete dynamic web service.
- DB2 (IBM Database 2): It is a database management system that provides a flexible and efficient database platform to raise a strong "on demand" business applications.
- HTTP (Hyper Text Transfer Protocol): It is a transaction oriented client/ server protocol between a web browser and a web server.

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- XML (Extensible Markup Language): It is a markup language that was designed to transport and store data.

- Ajax (Asynchronous Java Script and XML): It is a technique used in java script to create dynamic web pages.

- Web 2.0: It is commonly associated with web applications which facilitate interactive information sharing, interoperability, user-centered design and collaboration on the World Wide Web.

1.4 References:

< Enter the reference taken for project development >

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1.5 Technologies to be used:

< Mention the technologies to be used in your project >

Ex :

- **J2EE:** (Servlet, JSP, JAXP, Java Beans) Application architecture.
- **JAVA:** Application architecture.
- **WASCE:** (WebSphere Application Server Community Edition) Web Server
- **DB2:** IBM Database.
- **Ajax:** Asynchronous Java Script and XML.
- **XML:** Extension Markup Language.

  Web 2.0: RSS Feed 2.0.
- **RAD 7.0:** Development tool.
- **Localization:** 3 Languages - Hindi, Kannada, and English

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1.6 Overview: The SRS will include two sections, namely:

-I- **Overall Description:** This section will describe major components of the system, interconnections, and external interfaces.

-I- **Specific Requirements:** This section will describe the functions of actors, their roles in the system and the constraints faced by the system.

2.0 Overall Description:

2.1 Product Perspective:

< Enter the product perspective >

2.2 Software Interface:

-I- **Front End Client:**

-I- **Web Server:**

-I- **Data Base Server:**

4- **Back End:**

2.3 Hardware Interface:

4- **Client Side:**

4- **Server Side:**

2.4 Product Functions:.

2.5 User Characteristics:

2.6 Constraints:

2.7 Architecture Design:

2.8 Use Case Diagram :

2.9 Class Diagram:

2.10 Sequence Diagrams:

2.10.1 Database Design:

2.10.2 ER Diagram:

2.11 Assumptions and Dependencies:

3. Specific Requirements:

3.1 Use Case Reports:

3.2 Supplementary Requirements: